SONY

VPL-EX246

3,200 lumens Portable projector with wireless connectivity



Overview

Bring learning to life with this energy-efficient, wireless-ready portable projector that's made for today's classrooms

Teaming crisp XGA image quality with smart environmentally-friendly features, the VPL-EX246 portable projector enhances learning with powerful presentations that really stand out.

Simple to use and wireless ready, it's ideal for maximising student engagement in today's networked classrooms. Designed in consultation with teachers, the VPL-EX246 is your ideal partner throughout the busy school day.

Sony BrightEra™ panel technology assures clear, XGA pictures in any conditions, from daylight to darkened classrooms. Plenty of interfaces allow easy connection, while a choice of Picture Modes optimises viewing with any source – slide presentations, PC documents, videos or web sites.

Adding an optional Wi-Fi module lets students and teachers wirelessly share homework, images and graphics from mobile devices like smartphones and tablets.

There's a wide range of smart energy-saving features built in. And with extended lamp replacement time up to 7,000 hours, downtime and maintenance costs are minimised.

Features

3,200 lumens brightness
Enjoy smooth, sharp, bright images in any classroom or meeting room. Choose from three brightness modes to suit any environment – High for naturally white presentations in bright rooms, Standard for everyday use, and Low for watching video in darkened rooms.

XGA resolution for crisp, clear presentations
The projector's native XGA (1024 x 768) 4:3 screen resolution panel is perfect for making presentations direct from a laptop or PC.

3LCD BrightEra™ technology
Unique to Sony, BrightEra™ panels delivers high image resolution and high brightness as well as increased panel reliability.

Six Picture Modes to suit any subject
A choice of six picture modes (Dynamic, Standard, Game, Blackboard, Cinema and Presentation) offers optimised picture quality with any source material. Combine picture modes with three brightness modes to suit virtually any presentation requirement.

Wireless ready
Add the optional IFU-WLM3 USB wireless module and connect the projector with other devices in the classroom, from PCs to smartphones or tablets.

Up to 7000 hours lamp replacement time for reduced maintenance and down time
Reduced gap expansion minimises brightness gradation, while new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding.

Save energy at the touch of a button
Easily select power-saving ECO Modes with a single button push; additional environmentally-friendly settings are easily accessible via intuitive menus.

Lamp Dimming
Projector lamp brightness is gradually reduced automatically if no input signal is detected, or after a pre-set time – cutting power consumption by up to 30% and saving energy bills.

Auto Mode (Auto Brightness Adjustment Function)
Lamp brightness is automatically adjusted brightness depending on picture content: the darker the image, the greater the energy savings (up to approx. 70% lamp power reduction, based on image).

Picture Mute (Instant Off/On)
Touch a button on the projector remote and the picture's muted instantly – cutting power consumption down to 30% and saving lamp hours. Another touch and the projector's instantly powered back up to resume your presentation. There's also a separate button to mute audio only.

Off and Go
Touch a button at the end of your presentation and projector is turned off immediately, without going through a lengthy power-down cycle.

Direct Power On/Off
There's no need to go through Standby mode when powering up the projector: the projector activates as soon as power is supplied.

Vertical Keystone Adjustment
Even if the projector is aligned too high or too low in relation to the screen, keystone adjustment electronically adjusts the projected image for an accurately-proportioned picture with true verticals.

Smart APA (Auto Pixel Alignment)
Phase, Pitch and Shift values are automatically optimised when using the projector with a PC source.

Auto Input Search
The projector automatically switches to the correct input, simplifying set-up and saving time.

Audio switcher facility
The projector can select between two audio sources, routing them via a variable audio output to the room amplification system.

Digital Zoom
Instantly magnify a selected area of the screen by up to 4x for a really close-up view of images from a connected PC.

Built-in Security Measures
Your investment is protected with a package of security measures including password protection and physical anti-theft anchor points.

Specifications

Display system	
Display system	3 LCD system

Display device	
Size of effective display area	0.63” (16.0 mm)
Number of pixels	XGA (1024 x 768)
Aspect ratio	4:3

Projection lens	
Focus	Manual
Zoom > Powered / Manual	Manual
Zoom > Ratio	Approx. 1.6 x
Throw ratio	1.40:1 to 2.27:1

Light source	
Type	*1 lamp
Wattage	210 W type

Recommended lamp replacement time*2	
Lamp mode: High	3000 H
Lamp mode: Standard	5000 H
Lamp mode: Low	7000 H

Filter cleaning / replacement cycle*2 (Max.)	
Filter cleaning / replacement cycle*2 (Max.)	7000 H*3 (cleaning)

Screen size	
Screen size	30” to 300” (0.76 m to 7.62 m)

Light output	
Lamp mode: High	3200 lm
Lamp mode: Standard	2200 lm*4
Lamp mode: Low	1700 lm*4

Color light output	
Lamp mode: High	3200 lm
Lamp mode: Standard	2200 lm*4
Lamp mode: Low	1700 lm*4

Contrast ratio (full white / full black)*5	
Contrast ratio (full white / full black)*5	3000:1

Input	
Composite video > Pin Jack	1
S video > Mini DIN 4-pin	1
Computer > Mini D-sub 15-pin	2
HDMI (HDCP)	1
Audio > Pin Jack (L/R)	1
Audio > Stereo mini jack	2

Output	
Monitor > Mini D-sub 15-pin	1*6
Audio*7 > Stereo mini jack	1

I/O, Control, Others	
RS-232C > D-sub 9-pin	1 (male)
LAN > RJ-45, 10BASE-T/100BASE-TX	1
USB > Type A	1
USB > Type B	1
Microphone input > Mini jack	1
Wireless	IFU-WLM3(Option)*8

Speaker	
Speaker	16 W x 1 (monaural)

Keystone correction (Max.)*9	
Vertical	+/- 30°

Power requirements

Power requirements	AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz

Power consumption

AC 100 V to 120 V > Lamp mode: High	315 W
AC 100 V to 120 V > Lamp mode: Standard	254 W*4
AC 100 V to 120 V > Lamp mode: Low	225 W*4
AC 220 V to 240 V > Lamp mode: High	305 W
AC 220 V to 240 V > Lamp mode: Standard	248 W*4
AC 220 V to 240 V > Lamp mode: Low	220 W*4

Standby mode power consumption

AC 100 V to 120 V > Standard	5.9 W
AC 100 V to 120 V > Low	0.5 W
AC 220 V to 240 V > Standard	5.9 W
AC 220 V to 240 V > Low	0.5.W

Heat dissipation

AC 100 V to 120 V	1075 BTU
AC 220 V to 240 V	1041 BTU

Dimensions (W x H x D) (without protrusions)

Dimensions (W x H x D) (without protrusions)	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in

Mass

Mass	4 kg / 8 lb 11 oz

Supplied accessories

Remote commander	RM-PJ8

Optional accessories	
Replacement lamp	LMP-E212
Wireless LAN Module	IFU-WLM3

Notes	
*1	Ultra high pressure mercury.
*2	The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
*3	Same time as the lamp replacement is recommended.
*4	The values are estimate.
*5	This value is average.
*6	From INPUT A and INPUT B.
*7	Works as an audio switcher function. Output from a selected channel; not available in standby.
*8	Connect to USB Type-A terminal.
*9	Depends on resolution.
Environmental notice for customers in the USA	Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery

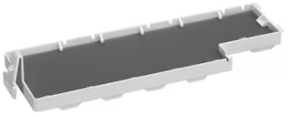
















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